Interpreting Bit information from rcc info macro

>run_info 60240 Run information 1 + TIER1_name + trg_050111.bin	for run 6024026 -+ -+ -+	+		
l name	l triggerIndex	 offlineTriggerID +	prescale	numberOfEvents
bemchttest cu-zdc-narrow	0 2	1 3	1 1.000000000 53.000000000	3316 686
l name	l idx_trigger	 bin(pwc.onbits) 	bin(pwc.offbits	;) l
l bemchttest l cu-zdc-narrow	0 2	101001101000 I	100000000000000000000000000000000000000	00 00

Consult TRG sub-system page and select Run2005 and make a copy of **TCU_Input_Bits_run2005.pdf**. This contains 4 columns of TCU bit patterns reading from bit 0 (LS bit) to bit 15 (MS bit) for different data taking runs.

The table from the *run_info* macro, pwc (Physics Word), contains the TCU bit pattern for that trigger. Note that the bits must be read from right (LS) to left (MS) to map onto the TCU bit patterns 0 to 15.

Thus, for the cu-zdc-narrow trigger which has pwc 1001101000 this corresponds to (reading from right to left) TCU bits: 3,5,6,9 which are, from the TCU_Input_Bits table:

- 3: ZDC TAC Diff in Window
- 5: ZDC East ADC > th0 AND ZDC West ADC > th0
- 6: ZDC East TAC in Window AND ZDC West TAC in Window
- 9: Blue + Yellow bunches filled